

Notice of Allowability

Application No.

09/927,015

Examiner

Anh Ly

Applicant(s)

GOLDING, ANDREW R.

Art Unit

2162

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 07/09/2007.
2. ☒ The allowed claim(s) is/are 1-4, 7-8, 28-31, 34-37 and 40 (renumbered as 1-15).
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some* c) ☐ None of the:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
- (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

- | | |
|------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------|
| 1. <input type="checkbox"/> Notice of References Cited (PTO-892) | 5. <input type="checkbox"/> Notice of Informal Patent Application |
| 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 6. <input checked="" type="checkbox"/> Interview Summary (PTO-413),
Paper No./Mail Date <u>08/23/2007</u> . |
| 3. <input type="checkbox"/> Information Disclosure Statements (PTO/SB/08),
Paper No./Mail Date _____ | 7. <input checked="" type="checkbox"/> Examiner's Amendment/Comment |
| 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit
of Biological Material | 8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance |
| | 9. <input type="checkbox"/> Other _____ |

DETAILED ACTION

1. This Office action is response to applicants' AMENDMENT filed on 07/09/2007.

EXAMINER'S AMENDMENT

2. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Mr. Paul A. Pysher on WED. 08/22/2007 and THU. 08/23/2007 at (617) 542-5070.

The application has been amended as follows:

Claim 1:

- 1 (currently amended) A computer-implemented method comprising:
obtaining instances of a query for a database using one or more query generation rules, the database comprising elements, the elements comprising fields, the one or more query generation rules obtaining the instances of the query by annotating the query with at least one of the elements and corresponding fields of the database;
generating a teaser that corresponds to the query, the teaser comprising text that is based on the instances of the query;
wherein generating the tease comprises:
obtaining a common feature among the instances of the query by
matching the instances of the query to one or more fields of the database; and
using the common feature to generate the teaser; and

executing a conflict resolution rule that identifies the teaser as a most popular one of plural teasers; and
outputting the teaser;
wherein the teaser is generated using one or more query matching rules, the one or more query matching rules being domain specific, the domain corresponding to a subject matter of the database.

Claim 5:

Cancel claim 5

Claim 6:

Cancel claim 6

Claim 8:

8 (currently amended) Machine-readable memory that contains instructions that are executable to cause at least one processing device to:

obtain instances of a query for a database using one or more query generation rules, the database comprising elements, the elements comprising fields, the one or more query generation rules obtaining the instances of the query by annotating the query with at least one of the elements and corresponding fields of the database;

generate a teaser that corresponds to the query, the teaser comprising text that is based on the instances of the query;

wherein generating the tease comprises:

obtaining a common feature among the instances of the query by
matching the instances of the query to one or more fields of the database; and

using the common feature to generate the teaser; and
executing a conflict resolution rule that identifies the teaser as a most popular one of plural teasers; and
output the teaser;
wherein the teaser is generated using one or more query matching rules, the one or more query matching rules being domain specific, the domain corresponding to a subject matter of the database.

Claim 28:

28 (currently amended) An apparatus comprising:
memory that stores instructions that are executable; and
at least one processing device configured to execute the instructions to:
obtain instances of a query for a database using one or more query generation rules, the database comprising elements, the elements comprising fields, the one or more query generation rules obtaining the instances of the query by annotating the query with at least one of the elements and corresponding fields of the database;
generate a teaser that corresponds to the query, the teaser comprising text that is based on the instances of the query;
wherein generating the tease comprises:
obtaining a common feature among the instances of the query by
matching the instances of the query to one or more fields of the database; and
using the common feature to generate the teaser; and

executing a conflict resolution rule that identifies the teaser as a most popular one of plural teasers; and
outputting output the teaser;
wherein the teaser is generated using one or more query matching rules, the one or more query matching rules being domain specific, the domain corresponding to a subject matter of the database.

Claim 32:

Cancel claim 32

Claim 33:

Cancel claim 33

Claim 38:

Cancel claim 38

Claim 39:

Cancel claim 39

3. Claims 1-4, 7-8, 28-31, 34-37 and 40 are allowed.

Allowable Subject Matter

4. The present application has been thoroughly reviewed. Upon searching a variety of databases, the examiner respectfully submits that claims 1-4, 7-8, 28-31, 34-37 and 40 are allowed in light of the applicants' argument and in light of the prior arts of made record.

5. The following is an examiner's statement of reasons for allowance:

The claimed invention is directed to the methods for facilitating controlled access to electronic documents, exchanging secure information, sensitive documents. Sensitive documents are reduced to term vectors and document vectors. The vector representation may relate to an underlying coordinate system or may relate to a relative representation of how the terms and documents relate, terms and documents in the same space. The non-sensitive documents end up with positions in the space that are driven the conceptual content of the sensitive documents.

6. The closest prior arts, Patent No.: US 6,671,681 B1 issued to Emens et al. (hereinafter Emens) teaches recording a prior search query and an associated prior query search result selected by a prior user during a prior search in a information repository and a retrieval of alternate search query strings (which is including textual descriptions containing words, phrases or sentence for finding the information in the searchable database) from prior user, that is providing an alternate for a current query associated with a current search result during a current search of an information repository by a current user and the search results, which are generating from search engines are having the best match from the current search queries, which benefit and learn from the previous queries. Patent No.: US 6,587,858 B1 issued to Strazza teaches the annotation tool for query-repose format. And Patent No.: US 6,026,396 issued to Hall teaches generating a teaser, a brief description of the query to be entered.

In combination, Emens, Strazza and Hall fail to teach generate a teaser that corresponds to the query, the teaser comprising text that is based on the instances of the query, wherein generating the tease comprises: obtaining a common feature among

the instances of the query by matching the instances of the query to one or more fields of the database; using the common feature to generate the teaser; executing a conflict resolution rule that identifies the teaser as a most popular one of plural teasers; outputting the teaser, wherein the teaser is generated using one or more query matching rules, the one or more query matching rules being domain specific, the domain corresponding to a subject matter of the database.

These distinct features, in conjunction with all other limitations of the dependents and independent claims render claims 1-4, 7-8, 28-31, 34-37 and 40 them allowable.


7. Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

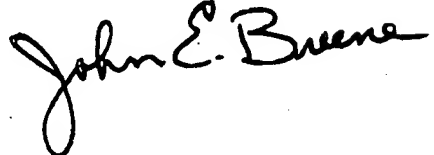
Contact Information

8. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Anh Ly whose telephone number is (571) 272-4039 or via E-Mail: ANH.LY@USPTO.GOV (Written Authorization being given by Applicant (MPEP 502.03 [R-2])) or fax to (571) 273-4039 (Examiner's personal Fax No.). The examiner can normally be reached on TUESDAY – THURSDAY from 8:30 AM – 3:30 PM. If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, **John Breene**, can be reached on (571) 272-4107.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). Any response to this action should be mailed to: Commissioner of Patents and Trademarks, Washington, D.C. 20231, or faxed to:

Central Fax Center: (571) 273-8300

ANH LY 
AUG. 23rd, 2007



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